

CAL POLY Report

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Cal Poly signs pact to work on 'maglev'

Cal Poly and Lockheed Martin have signed an agreement to establish a U.S. Maglev Technology Center to work on the technology needed to build high-speed "magnetic levitation"—maglev—trains in the United States.

Lockheed Martin is working with Germany-based Transrapid International to bring the technology to the United States, and is expected to be a leading bidder on a proposed line connecting Los Angeles International Airport with downtown Los Angeles and communities as far east as Riverside. The agreement signed last week on campus makes Cal Poly Lockheed Martin's lead university partner in the maglev field and first in the Western United States.

Lockheed Martin has been involved with maglev technology for more than 15 years. The company's Mission Systems unit has established a Maglev Deployment Group in Santa Maria.

Lockheed Martin Maglev Program Director Tom Palmer said the company chose Cal Poly because it was looking for a university with a proven record in the field of systems applications and implementation. In the agreement, the company cited the university's capabilities in basic engineering, electro-mechanical systems, electric power systems, aerodynamics, computer engineering, materials engineering, electro-magnetics and control, geotechnical and earthquake engineering, transportation and transportation systems engineering, risk assessment, and cost assessment.

A maglev train rides on air, suspended inches above a "guideway" by electromagnets in both the vehicle and the guideway. Magnets in the guideway can pull the train along at speeds up to 300 mph or more.

The system proposed for Los Angeles is in the environmental study stage. Trains reaching speeds of 200 mph would carry passengers the 92 miles from Riverside to LAX in under an hour, including stops along the way. □

Fitting pretty



Ann DeLay, an agriculture teacher from Central West High School in Fresno and a Cal Poly graduate student in agriculture, was on campus recently to participate in the Dairy Cattle Fitting and Showing class, taught by Dairy Science Professor Ed Jaster.

McDonald leaves HREE; Melvin is interim head

Associate Director of Human Resources Barbara Melvin has begun serving as interim director to replace Anna McDonald, who will become associate vice president for human resources at the University of Vermont this fall.

Melvin, appointed by Vice President for Administration and Finance Frank Lebens effective July 1, served as associate director for the past three years. She has been heavily involved in employee and labor relations, compensation and classification issues.

"Barbara has strong management consultation skills and looks forward to continuing a positive working relationship with the campus community," Lebens said.

As interim director, Melvin will manage recruitment, employee relations, staff development and other matters involving the university's support staff. Her office also administers employee benefits for both the faculty and staff.

Melvin has been a member of the human resources staff for more than 25 years. □

Wehner to lead Ag when Jen leaves for D.C.

Associate Dean of Agriculture David Wehner has been named the interim dean pending Dean Joe Jen's expected confirmation as U.S. undersecretary of agriculture for research, education and economics.

Jen's appointment is expected to be confirmed by the U.S. Senate by the end of July.

Wehner would serve while Cal Poly conducts a national search to select a permanent dean. Wehner's appointment is through June 30, 2002, or until a new dean is installed.

"We're fortunate to have an individual with Dave Wehner's administrative abilities and grasp of our agriculture program available to lead the college at this time," said Provost Zingg. "Dave has proven he's capable of providing the leadership necessary to keep the college moving ahead in preparing students for the demands of a dynamic agriculture environment in California."

Wehner has served as associate dean since 1997, responsible primarily for the operation of the undergraduate program, including curriculum development, student progress, advising and outreach.

He has also worked with many of the college's 11 departments on staffing, faculty evaluations and operation issues and has directed the college's Multicultural Agriculture Program Center.

He has also overseen an initiative to introduce agricultural topics into middle and high schools with large numbers of underrepresented students.

Before his appointment as associate dean, Wehner served a year in a half-time position as interim assistant dean, coordinating the college's graduate program and aiding faculty members with research and public-service programs.

After teaching at the University of Illinois and University of Maryland, Wehner joined the Cal Poly faculty in 1994 as head of the Environmental Horticultural Science Department and a professor of turfgrass science. □

Proposed housing Draft EIR available for public review

A Draft Environmental Impact Report (EIR) has been completed for Cal Poly's proposed rental housing for faculty and staff members and is available for public review.

The Draft EIR addresses the development of a maximum of 85 apartment-style dwellings. The site, known as H-8, is 5.86 acres of university-owned land north of San Luis Obispo at Santa Rosa Street and Highland Drive.

"This is the first phase of faculty and staff housing proposed in Cal Poly's new master plan to help address housing costs for new faculty – a factor that makes it challenging to recruit and retain the high-quality faculty we need to continue to provide state-of-the-art education," said Linda Dalton, vice provost for institutional planning.

A separate Draft EIR is being prepared for faculty and staff housing north of the California Department of Forestry installation on Highway 1 and will be available at a later date. In the meantime, Cal Poly is also building new on-campus student housing, including a complex for 800 students that is under construction.

This spring, Cal Poly met with neighbors and city and county officials and invited them to help identify issues that the environmental analysis of the proposed faculty and staff housing should address.

The Draft EIR looked at areas where the project could have potentially significant adverse impacts, including aesthetics, light and glare, air quality, biological resources,

noise, public services, and traffic and circulation.

"The Draft EIR found that impacts on these areas would be less than significant or that the impacts can be mitigated to a level of insignificance, with the exception of aesthetics," Dalton said. "The design of the housing would include mitigation measures to lessen the impact of the housing on the views from the roadway, but the overall impact is considered significant and unavoidable because the top story would be visible from Highway 1.

"Traffic and circulation issues were studied in depth, with the finding that the street configuration at Highland Drive near Ferrini Drive will need to be redesigned to reduce existing unsafe conditions," she added. "The Draft EIR also found that the proposed housing would be compatible with the surrounding neighborhood and consistent with the city of San Luis Obispo's land use policies."

The Draft Environmental Impact Report is being circulated for public review to provide parties the opportunity to comment on the analysis of potential environmental consequences.

Anyone who wishes to comment on the Draft EIR is encouraged to do so. Written comments must be submitted by Sept. 7 to Bob Kitamura in the Facilities Planning office. Copies of the draft report (and documents referenced in the report) are available at Facilities Planning, the Kennedy Library, the City-County Library, and on the Web at <http://www.cphousingcorp.org/>. □

Aeilts begins network to help nab cybercriminals

An organization begun by University Police Chief Tony Aeilts is helping investigators in four counties track down cybercriminals.

The group's dues-paying members include personnel from almost every police agency in San Luis Obispo County plus others from Santa Barbara, Kings and Kern counties and the FBI. Internet service providers and Cal Poly faculty members also participate.

Members share computer expertise and when necessary seek additional help from Cal Poly professors and other experts. The group can provide help that the agencies might have to wait months to get from the state or the U.S. Department of Justice.

University Police have aided in 12 such investigations so far, including an Oceano case of child molestation and pornography that began on the Internet and a San Luis Obispo case of electronic identity theft.

Officer Jeff Joynt has become the department's high-tech forensic specialist. In another case, he helped the Paso Robles Police Department identify teenagers who were e-mailing threats to a schoolmate.

For more information contact Aeilts at ext. 6-2281. □

Piirto appointed interim NRM head

Douglas Piirto, a faculty member in the Natural Resources Management Department since 1985, has been named interim department head effective Aug. 31.

Piirto will serve until a permanent head is appointed. □

Housing Corp. to meet

The Board of Directors of the Cal Poly Housing Corp., a new non-profit auxiliary charged with developing faculty-staff and student housing, will hold an organizational meeting at 10 a.m. Friday (July 20) in the Foundation Administration Building, Conference Room 124. This is a public meeting. For information or a copy of the agenda, contact Bob Ambach, associate executive director of the Foundation, at ext. 6-1131. A copy of the agenda packet is available for review at the Kennedy Library Reserve Desk and the Academic Senate Office, Math and Science 143. □

Leave solicitation

Kate Bounds, an administrative support assistant in the MESA Engineering Program, has qualified for personal catastrophic leave. Eligible state employees may donate vacation credit and/or sick leave to help her remain in full-pay status during an extended absence.

Those interested in donating leave may request the Catastrophic Leave Donation form from solicitation coordinator David Cantu at ext. 6-5429 or by e-mail.

CSEA employees in units 2, 5, 7 and 9 plus "academic professionals" in unit 4 may donate up to 32 hours total. All other state employees may donate up to 16 hours sick leave and/or vacation credits per fiscal year in increments of one hour or more. □

Lovejoy to retire; July 25 reception set

The university community is invited to join Foundation staff members at a retirement reception July 25 in honor of Sylvan Lovejoy, administrative assistant to the executive director. The reception will be 1:30-3 p.m. in the Veranda Cafe Conference Room. For more information, call Cheryl Edgerly at ext. 6-1455. □

Cal Poly Arts kicks off new season Sept. 19

Kenny G, Mandy Patinkin and Anne Murray are just some of the entertainers included in the new Cal Poly Arts season.

"The series offers fans of live entertainment more programming choices than ever before," said Cal Poly Arts Director Ralph Hoskins.

"At 39 events – and 47 performances – it's our largest series ever, and the wide range of artistic styles and disciplines is unprecedented."

Broadway touring company productions include the musicals "Ragtime" and "Cabaret," as well as the provocative "Vagina Monologues." London's acclaimed Acting Company returns with Shakespeare's gender comedy, "The Taming of the Shrew."

Also on tap are "Spartacus" (a full-length story ballet) and "Madama Butterfly."

For jazz and blues fans, performances are scheduled by the Lincoln Center Jazz Orchestra, the Marcus Roberts Trio, Carl Weathersby, and the gospel sounds of Sweet Honey in the Rock.

Dance enthusiasts will be able to see the eclectic offerings of Pilobolus, Diavolo Dance Theatre, and ODC/San Francisco, as well as performances by Ballet Folklorico de Mexico and flamenco artist Antonio Marquez.

Former president of Poland Lech Walesa, satirist Paul Zaloom, and radio personality Ira Glass are Cal Poly Arts' non-traditional events.

Cal Poly Arts subscription tickets are on sale at the Performing Arts Ticket Office. Those who order tickets to four or more events become a season subscriber and receive discounts on tickets, priority seating, and other benefits. Tickets to single events go on sale Sept. 4.

For ticket information or a Cal Poly Arts season brochure, call the Performing Arts Ticket Office 10 a.m.-6 p.m. weekdays or 10 a.m.-4 p.m. Saturdays at ext. 6-ARTS (6-2787) or fax ext. 6-6088. □

Series of evening walks aims to raise funds

The campus community is invited to join in a series of 1 1/2-to-2-hour summer evening training walks scheduled by staff members planning to participate in the Avon Breast Cancer 3-Day Walk this fall.

Continued on page 4



University Police Investigator Ray Berrett receives Mothers Against Drunk Driving award.

Photo by Mike Clipka

Police honored for efforts to reduce drunk driving

For their efforts to reduce drunk driving, the University Police Department has won a \$1,000 award from the Automobile Club of Southern California and a Cal Poly officer has received a plaque from Mothers Against Drunk Driving.

The Auto Club check recognized a Cal Poly program begun earlier this year. The aim of the program is to notify students arrested for drug- and alcohol-related crimes that counseling is available on campus. It also serves to make students aware that the community and university have noticed their behavior, said Police Chief Tony Aeilts.

University Police Investigator Ray Berrett checks bookings at the County Jail to find Cal Poly student names. Student Affairs then sends letters to the arrested students.

Aeilts said he will use the award money to aid alcohol education programs.

The MADD plaque was awarded to Berrett for leading the development of a CD-ROM about drunk driving intervention and prevention among 16- to 20-year-olds. The disk can be used in classrooms at all levels.

Berrett combined video and sound from most of the county's police agencies, including interviews with drunk drivers, victims and families, to deal with both legal and personal aspects of drunk driving.

University Police are distributing copies to county police agencies for use in schools and other locations.

For more information, contact Aeilts at ext. 6-2281. □

CPR published every other week during summer

The *Cal Poly Report* is published every other Wednesday during the summer. Articles are due to Public Affairs by 10 a.m. July 25 for the Aug. 1 issue. Items can be e-mailed to

polynews@polymail, faxed to ext. 6-6533, or mailed to Public Affairs, Heron Hall. For more information, call ext. 6-1511. □

Extended Studies offers July, August courses

Extended Studies (formerly Extended Education) is offering an introductory class in Dreamweaver July 30-Aug. 27 and Microsoft Access starting Aug. 15.

- Introduction to Dreamweaver, July 30-Aug. 27 (five class meetings), 6-9 p.m., \$200. The Dreamweaver Web-site development program, known for its ease of use, acts as a visual layout tool for Web-page design. A useful tool for beginners and professionals alike. This hands-on course guides participants through real-world projects that will provide the training to create pages; format text; make hyperlinks; add images, sounds and movies; create tables for visual layout; and upload the files to a Web server. Special emphasis will be given on effective Web-site design and navigational layout. Students will learn the fundamentals of HTML and will be able to create and edit files, format with tables, create hyperlinks, work with images, manage Web sites, and upload files.

- Microsoft Access for Your Office, Aug. 15-Sept. 19 (six class meetings), 5:30-9:30 p.m., \$298. Students will learn to organize, manage and manipulate large amounts of data such as customer lists, employee records, and product listings. Topics to be covered include setting up a database, creating tables, building forms, generating queries and running reports. Participants will also learn about applying wizards, properties, masks, filters, and find-and-sort options, as well as customizing forms and reports, creating a main menu switchboard, and generating dozens of queries. Students will learn to import and export data to other programs such as Word and Excel. The class fee includes the books "Beginning Access for Your Business," "Intermediate Access for Your Business," and "Access Advanced Techniques."

For complete course descriptions and to register online, go to Extended Studies' Web site at www.ExtendedStudies.calpoly.edu or call ext. 6-2053. □

Series of walks . . .

Continued from page 3

The group, called Team WOW (Wo/Men on the Walk), meets at the Administration Building at 5:15 p.m. every other Monday and starts walking by 5:30. Walks are scheduled for July 23, Aug. 13 and Aug. 27.

The walks wind through the campus and surrounding community. Route maps are available on the day of the walk and from Val Barboza at ext. 6-5923.

Team WOW, sponsored by Women's Programs, will walk from Santa Barbara to Malibu (more than 60 miles) Oct. 19-21 as part of the Avon fund-raiser to fight breast cancer. Each member agrees to raise at least \$1,900.

Contact Barboza for information on making a contribution. □

Position vacancies

STATE: For a complete listing of employment opportunities for state staff and management positions, you can:

- Check Cal Poly's Web site at www.calpoly.edu. Select "Employment" from the Cal Poly links drop-down box;

- Come to the HREE office, Adm. 110, and view the posted positions;
- Call the HREE Job Line at ext. 6-1533.

For a listing of new openings, check *The Tribune's* Sunday edition.

Applications for job openings must be received by the Human Resources and Employment Equity office, Adm. 110, by 5 p.m. on the closing date.

FOUNDATION (Foundation Adm. Building, job line at ext. 6-7107). All Foundation applications must be received (not just postmarked) by 5 p.m. of the closing date. (No faxes.)

Executive Assistant, Foundation Administration, \$15.03-\$21.81/hr. Closing date: Open until filled; review of applications begins July 20.

Accounts Payable Clerk II, Foundation Business Office, \$12.47-\$18.12/hr. Closing date: Open until filled; review of applications begins July 20.

Administrative Assistant, Graphic Communication Institute, \$14.11-\$20.48/hr., part time, 30 hours/week. Closing date: Open until filled; review of applications begins July 27. □

Rec Sports offers summer youth programs

Space is still available in Rec Sports' summer youth swimming lessons and water polo program.

Youth swimming lessons are open to children 18 months to 13 years old. Certificates can be earned in six different skill levels: tadpoles (parents with children 18 to 40 months), starfish, dolphins, barracudas, marlins and sharks. Classes are 40 minutes, and each session is 10 days. Session 3 runs July 23-Aug. 3; session 4 is Aug. 6-17.

Youth water polo clinics, for swimmers 9 to 16 years old, serve as an introduction to the game of water polo. Participants learn the skills, concepts and rules of the game. Both beginner and intermediate levels are offered. Classes meet for one hour, four days a week, for three weeks. Session 2 runs July 30-Aug. 16.

To register, stop by the Recreation Center or call ext. 6-1366. □

Salsa contest adds spice to Stone Soup Festival

A salsa contest with both commercial and individual categories will be held in conjunction with the Stone Soup Ethnic Music Faire Aug. 26 in Grover Beach.

Entrants must deliver their salsa in a sealed container to the Ramona Garden Center at Ramona Garden Park on Ramona Street between 9th and 10th streets in Grover Beach by 11 a.m. Aug. 26.

Entries will be judged on presentation, color, taste and texture by "celebrity" judges and by people attending the faire.

First-, second- and third-place awards will be given in each category.

For an entry form call the Grover Beach Chamber of Commerce at 489-9091. Entry forms can also be downloaded from the Web at www.groverchamber.com. □